



The Hammerstone Advantage

We manufacture a variety of 100% crushed limestone aggregates that are graded for optimum performance to deliver solutions for the long term economic and environmental sustainability of the Athabasca oil sands.



WHY HAMMERSTONE?

With over 750 million accessible tonnes of limestone reserves and a central location in the Athabasca oil sands, Hammerstone Corporation is positioned to provide quality material for decades to come. We manufacture a variety of 100% crushed limestone products that are graded for optimum performance to meet the diverse and unique needs in the region. To ensure that we maintain quality, regular testing is conducted on our material which is made available upon request. With production capabilities in excess of 20,000 tonnes per day and 7 days a week standard service, we can provide you with product exactly when you need it. To meet the unique needs of our customers, a 24 hour shipping option is also available.

- High performing limestone aggregates
- Over 750 million accessible tonnes
- Centrally located in the Athabasca oil sands
- High production capability
- A joint venture partner with Fort Mckay First Nation



The interlocking properties and durability of Hammerstone's aggregates mean less movement under stress, and reduced penetration of water than typical aggregates

The Limestone Advantage

- **100% Crushed** – All of our products are made from 100% crushed limestone.
- **Well Distributed** – Proper distribution of particle size, from the largest to smallest of any specification, is critical to performance.
- **Quality Ensured** – Regular internal testing ensures the consistent quality of our products.

Larger pieces lock in place providing strength and volume

Small and medium sized pieces wedge into the gaps between the larger pieces

Tiny limestone particles fill all the remaining spaces between the small medium and larger rocks

Hammerstone's jagged edges of broken limestone interlock with each other for strength



PERFORMANCE

- **High Strength** – The rough, jagged edges of 100% crushed material create high friction and interlocking between particles, giving any road structure a strength unknown to alluvial gravels.
- **Durability** – The strength of our material results in a long lasting road that will resist deformation and reduce maintenance costs.
- **Smooth Ride** – A road free of potholes and ruts will provide a smooth ride, promoting safety and productivity for years to come.

The photos below depict a portion of Canterra Road that was constructed in 2007 using alluvial gravel, and another portion of the same road constructed using Hammerstone crushed limestone two years earlier. The photographs of the road were taken immediately following a three hour rainstorm on August 13, 2008.



Road Construction: Alluvial (round) gravel
 Year Constructed: 2007
 Date of Photograph: August 13, 2008



Road Construction: Hammerstone (crushed limestone)
 Year Constructed: 2005
 Date of Photograph: August 13, 2008

Applications for Hammerstone products include:

- Highways, ramps & access roads
- Mine haul roads
- Building & lay down pads
- In-situ well pads
- Landscaping & slope stabilization



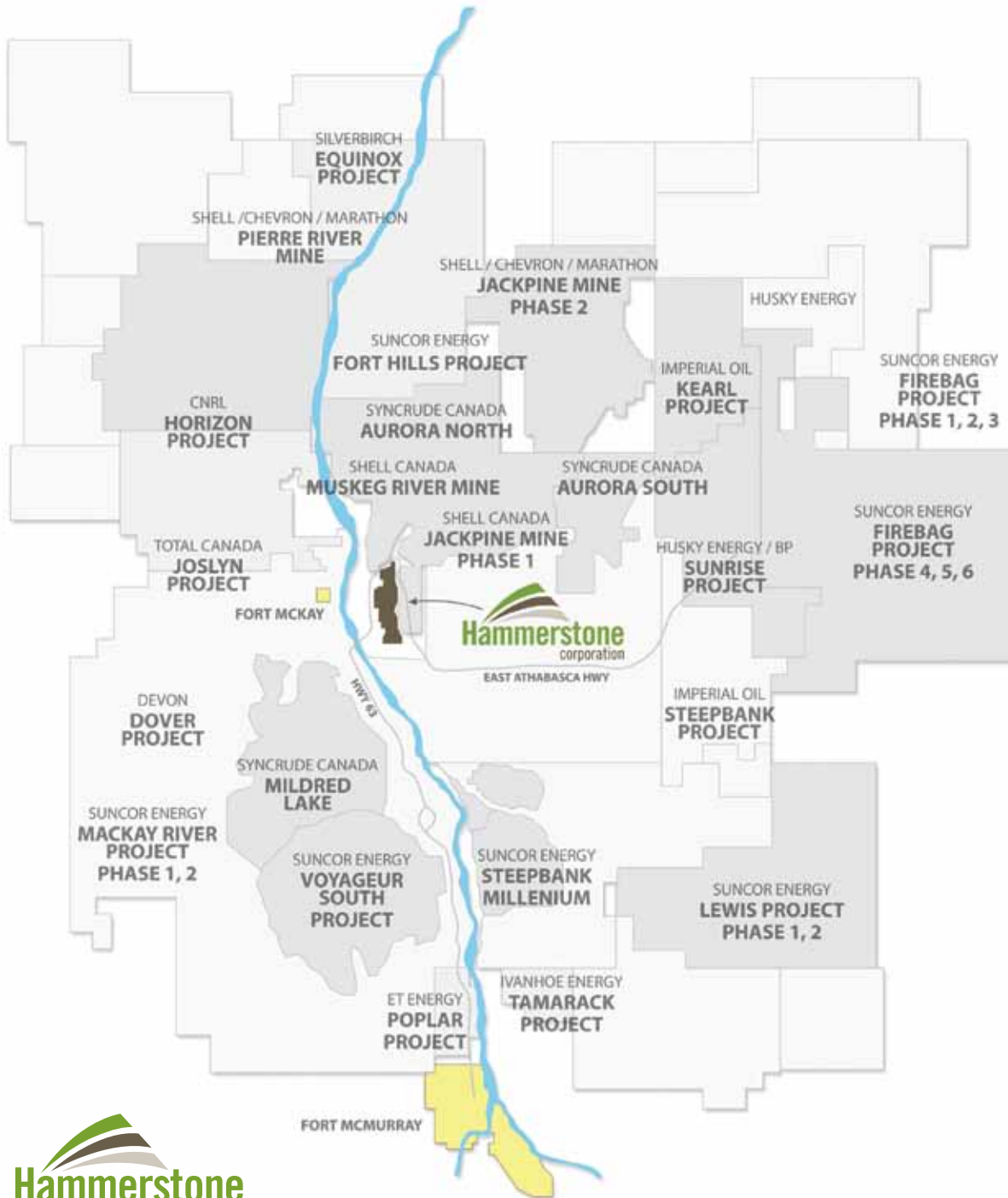
SERVICE & PRODUCTS

- **Variety** – Because Hammerstone products are quarried, we have a range of products from manufactured sand to the largest riprap material in the region.
- **High Production Capability** – With a production capability in excess of 20,000 tonnes per day we can meet large volume requirements in a short time.
- **24/7 Availability** – We are open seven days a week, every week. To meet the unique needs of our customers, a 24 hour shipping option is available.
- **Dedicated Scales** – Our quarry is equipped with dedicated scales to handle high truck volumes and minimize delays.
- **Experienced People** – Our professional staff have the extensive knowledge and operational skills to provide you with quality and complete service.
- **Central Location** – Hammerstone’s quarry is located in the heart of the Athabasca oil sands, 67 kms north of Fort McMurray.

Better Heavy Haul Roads

- Lower road maintenance
- Improved truck productivity
- Reduced truck frame stress
- Lower fuel consumption
- Economical road design
- Lower emissions
- Smooth, safe ride

With over 750 million accessible tonnes of limestone reserves and a central location in the Athabasca oil sands, Hammerstone Corporation is positioned to provide quality aggregates for decades to come.



- Road Crush
- Washed & Screened Stone
- Fines/Sand
- Gabion
- Rip Rap



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Hammerstone Products Ltd.
 A joint venture between Fort McKay First Nation and Hammerstone Corp